

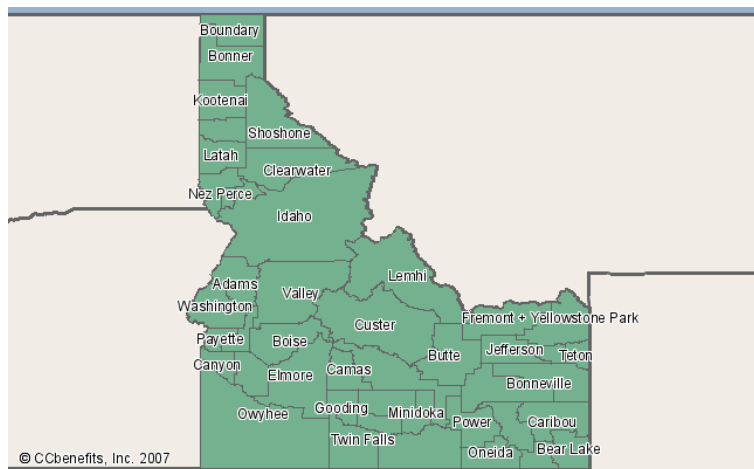
Professional Technical Education



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Career Cluster Report

Career Cluster Report



Report produced by CCbenefits, Inc. www.ccbenefits.com
Data by Economic Modeling Specialists, Inc. www.economicmodeling.com

Career Cluster Report

Region: All Idaho

States: Idaho

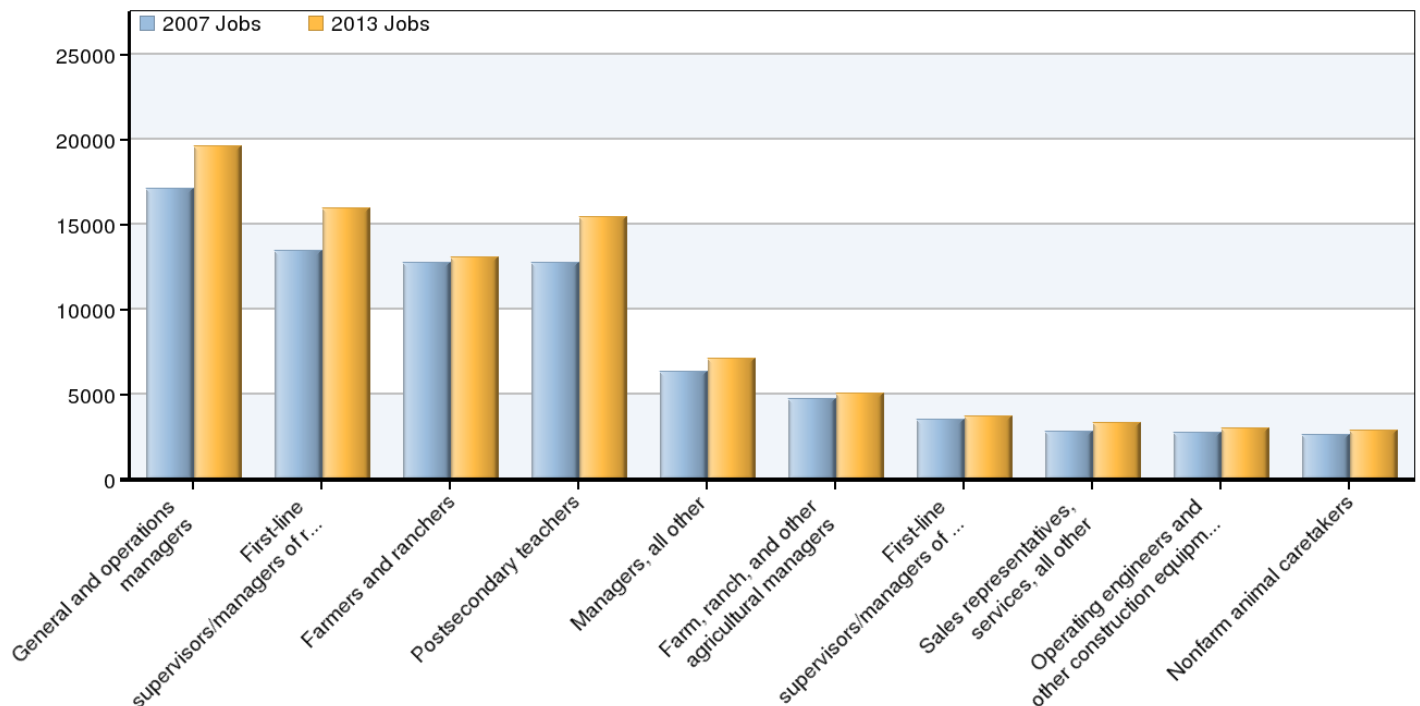
Executive Summary for Agriculture/Natural Resource Career Cluster

Education	2007 Jobs	2013 Jobs	Change	Replacement	2006 Hourly EPW
Short-term on-the-job training	6,566	7,181	616	933	\$10.06
Moderate-term on-the-job training	13,216	13,841	624	2,019	\$13.89
Long-term on-the-job training	17,562	18,189	627	2,315	\$8.29
Work experience in a related field	28,951	32,770	3,818	3,185	\$16.56
Postsecondary vocational award	1,168	1,191	24	153	\$16.19
Associate's degree	7,830	8,789	959	838	\$16.77
Bachelor's degree	11,162	12,970	1,807	1,165	\$24.22
Degree plus work experience	22,971	25,871	2,900	2,485	\$22.33
Master's degree	1,140	1,346	206	116	\$24.97
Doctoral degree	13,063	15,831	2,768	1,697	\$23.94
First professional degree	716	722	6	104	\$23.36
	124,346	138,701	14,355	15,007	\$17.37

Source: Economic Modeling Specialists, Inc. - 8/07

Largest Occupations

Largest Occupations 2007



Source: CCbenefits, 2007

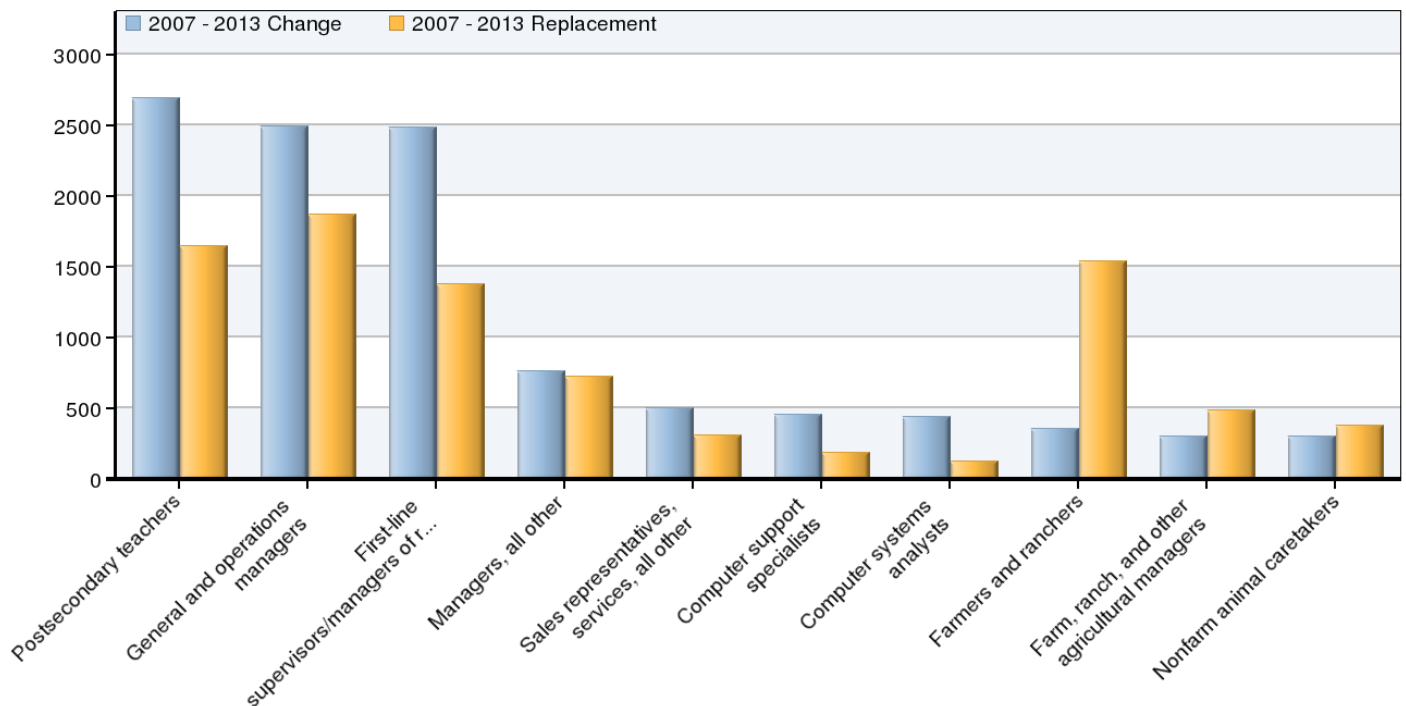
SOC Code	Description	2007 Jobs	2013 Jobs	Change	2006 Hourly EPW	Education
11-1021	General and operations managers	17,091	19,585	2,494	\$24.14	Degree plus work experience

41-1011	First-line supervisors/managers of retail sales workers	13,485	15,970	2,485	\$12.03	Work experience in a related field
11-9012	Farmers and ranchers	12,750	13,107	357	\$6.06	Long-term on-the-job training
25-1099	Postsecondary teachers	12,725	15,419	2,693	\$23.94	Doctoral degree
11-9199	Managers, all other	6,377	7,139	762	\$23.52	Work experience in a related field
11-9011	Farm, ranch, and other agricultural managers	4,769	5,072	304	\$15.32	Degree plus work experience
51-1011	First-line supervisors/managers of production and operating workers	3,535	3,713	179	\$18.16	Work experience in a related field
41-3099	Sales representatives, services, all other	2,828	3,328	499	\$13.33	Moderate-term on-the-job training
47-2073	Operating engineers and other construction equipment operators	2,745	3,036	291	\$15.40	Moderate-term on-the-job training
39-2021	Nonfarm animal caretakers	2,604	2,902	298	\$10.02	Short-term on-the-job training
15-1041	Computer support specialists	2,567	3,024	457	\$16.65	Associate's degree
19-4093	Forest and conservation technicians	2,201	2,256	55	\$16.12	Associate's degree
41-3031	Securities, commodities, and financial services sales agents	2,018	2,308	290	\$20.93	Bachelor's degree
51-4121	Welders, cutters, solderers, and brazers	1,993	2,030	37	\$13.74	Long-term on-the-job training
15-1051	Computer systems analysts	1,857	2,298	441	\$28.83	Bachelor's degree
13-2072	Loan officers	1,737	1,874	136	\$23.19	Bachelor's degree
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	1,724	1,816	92	\$20.44	Moderate-term on-the-job training
41-2022	Parts salespersons	1,653	1,601	-52	\$11.51	Moderate-term on-the-job training
17-3023	Electrical and electronic engineering technicians	1,461	1,655	195	\$21.42	Associate's degree
51-4041	Machinists	1,120	1,145	25	\$15.57	Long-term on-the-job training
17-2112	Industrial engineers	1,084	1,287	204	\$33.84	Bachelor's degree
49-3042	Mobile heavy equipment mechanics, except engines	1,081	1,091	9	\$16.21	Postsecondary vocational award
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	1,039	1,184	145	\$17.06	Work experience in a related field
45-4022	Logging equipment operators	999	764	-235	\$14.78	Moderate-term on-the-job training
45-1099	Supervisors, farming, fishing, and forestry workers	949	919	-30	\$13.83	Work experience in a related field
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	940	1,041	101	\$15.61	Work experience in a related field
45-2093	Farmworkers, farm and ranch animals	928	966	38	\$8.97	Short-term on-the-job training
11-9151	Social and community service managers	864	1,084	220	\$17.45	Bachelor's degree
51-8031	Water and liquid waste treatment plant and system operators	854	940	86	\$14.09	Long-term on-the-job training
19-2041	Environmental scientists and specialists, including health	848	1,013	166	\$24.36	Master's degree

Source: Economic Modeling Specialists, Inc. - 8/07

Largest Growth

Largest Growth 2007 - 2013



Source: CCbenefits, 2007

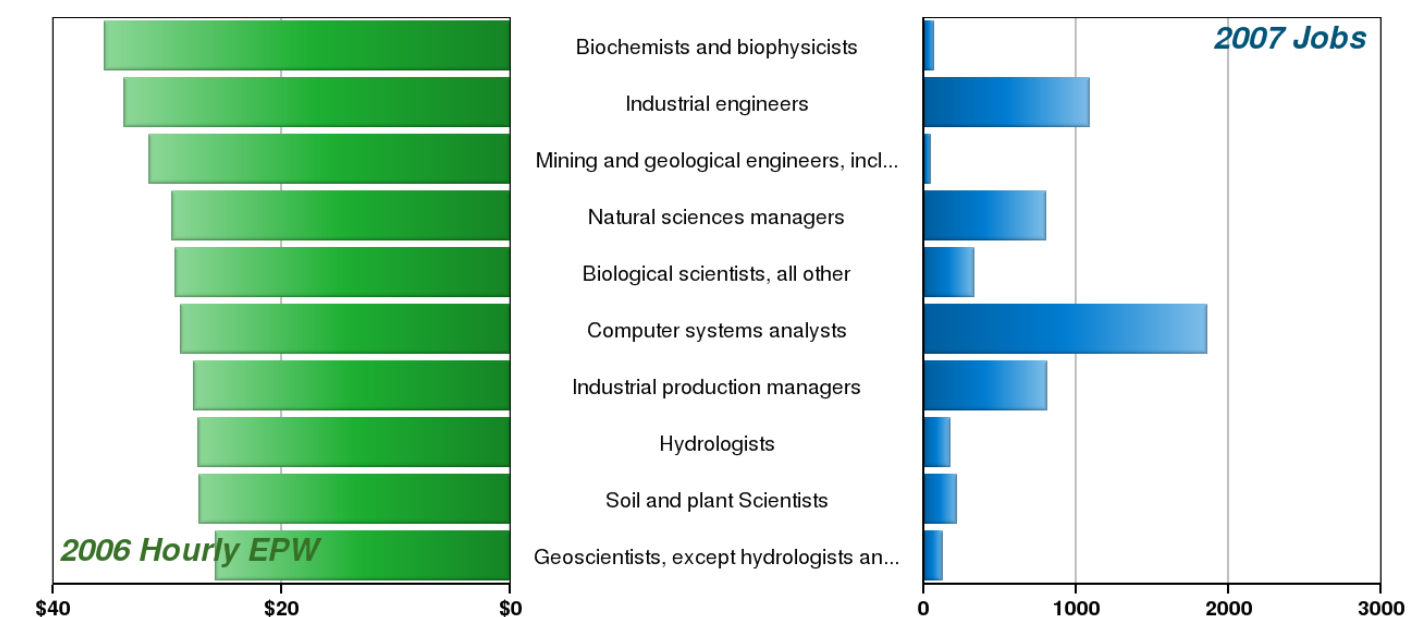
SOC Code	Description	2007 - 2013 Change	Replacement	Annual Openings	Hourly EPW	Education
25-1099	Postsecondary teachers	2,693	1,647	275	\$23.94	Doctoral degree
11-1021	General and operations managers	2,494	1,867	311	\$24.14	Degree plus work experience
41-1011	First-line supervisors/managers of retail sales workers	2,485	1,379	230	\$12.03	Work experience in a related field
11-9199	Managers, all other	762	721	120	\$23.52	Work experience in a related field
41-3099	Sales representatives, services, all other	499	309	51	\$13.33	Moderate-term on-the-job training
15-1041	Computer support specialists	457	181	30	\$16.65	Associate's degree
15-1051	Computer systems analysts	441	119	20	\$28.83	Bachelor's degree
11-9012	Farmers and ranchers	357	1,541	257	\$6.06	Long-term on-the-job training
11-9011	Farm, ranch, and other agricultural managers	304	483	80	\$15.32	Degree plus work experience
39-2021	Nonfarm animal caretakers	298	376	63	\$10.02	Short-term on-the-job training
47-2073	Operating engineers and other construction equipment operators	291	412	69	\$15.40	Moderate-term on-the-job training
41-3031	Securities, commodities, and financial services sales agents	290	132	22	\$20.93	Bachelor's degree
11-9151	Social and community service managers	220	93	15	\$17.45	Bachelor's degree
17-2112	Industrial engineers	204	151	25	\$33.84	Bachelor's degree
17-2023	Electrical and electronic engineering technicians	195	177	30	\$21.42	Associate's degree
51-1011	First-line supervisors/managers of production and operating workers	179	440	73	\$18.16	Work experience in a related field
19-2041	Environmental scientists and specialists, including health	166	86	14	\$24.36	Master's degree

15-1061	Database administrators	146	30	5	\$25.45	Bachelor's degree
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	145	142	24	\$17.06	Work experience in a related field
19-4021	Biological technicians	137	60	10	\$14.94	Associate's degree
13-2072	Loan officers	136	164	27	\$23.19	Bachelor's degree
45-3011	Fishers and related fishing workers	136	137	23	\$6.67	Moderate-term on-the-job training
11-9121	Natural sciences managers	103	90	15	\$29.66	Degree plus work experience
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	101	51	8	\$15.61	Work experience in a related field
51-3021	Butchers and meat cutters	99	89	15	\$13.56	Long-term on-the-job training
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	92	269	45	\$20.44	Moderate-term on-the-job training
53-7032	Excavating and loading machine and dragline operators	89	126	21	\$15.00	Moderate-term on-the-job training
51-8031	Water and liquid waste treatment plant and system operators	86	172	29	\$14.09	Long-term on-the-job training
17-2081	Environmental engineers	81	33	5	\$25.69	Bachelor's degree
11-3071	Transportation, storage, and distribution managers	78	76	13	\$23.41	Work experience in a related field

Source: Economic Modeling Specialists, Inc. - 8/07

Highest Earnings

2006 Highest Paying Occupations



Source: CCbenefits, 2007

SOC Code	Description	Hourly EPW	2007 Jobs	2007 - 2013 Change	Replacement	Education
19-1021	Biochemists and biophysicists	\$35.50	68	20	11	Doctoral degree

17-2112	Industrial engineers	\$33.84	1,084	204	151	Bachelor's degree
17-2151	Mining and geological engineers, including mining safety engineers	\$31.65	46	1	8	Bachelor's degree
11-9121	Natural sciences managers	\$29.66	803	103	90	Degree plus work experience
19-1029	Biological scientists, all other	\$29.31	329	48	60	Bachelor's degree
15-1051	Computer systems analysts	\$28.83	1,857	441	119	Bachelor's degree
11-3051	Industrial production managers	\$27.70	806	28	93	Work experience in a related field
19-2043	Hydrologists	\$27.32	171	30	17	Master's degree
19-1013	Soil and plant Scientists	\$27.28	212	30	22	Bachelor's degree
19-2042	Geoscientists, except hydrologists and geographers	\$25.84	121	10	13	Master's degree
17-2081	Environmental engineers	\$25.69	339	81	33	Bachelor's degree
19-1031	Conservation scientists	\$25.54	394	28	67	Bachelor's degree
15-1061	Database administrators	\$25.45	513	146	30	Bachelor's degree
19-2041	Environmental scientists and specialists, including health	\$24.36	848	166	86	Master's degree
11-1021	General and operations managers	\$24.14	17,091	2,494	1,867	Degree plus work experience
19-1012	Food scientists and technologists	\$24.04	129	17	13	Bachelor's degree
25-1099	Postsecondary teachers	\$23.94	12,725	2,693	1,647	Doctoral degree
11-9199	Managers, all other	\$23.52	6,377	762	721	Work experience in a related field
11-3071	Transportation, storage, and distribution managers	\$23.41	664	78	76	Work experience in a related field
29-1131	Veterinarians	\$23.36	716	6	104	First professional degree
13-2072	Loan officers	\$23.19	1,737	136	164	Bachelor's degree
17-2021	Agricultural engineers	\$22.55	96	6	19	Bachelor's degree
19-1042	Medical scientists, except epidemiologists	\$21.69	126	33	12	Doctoral degree
17-3023	Electrical and electronic engineering technicians	\$21.42	1,461	195	177	Associate's degree
41-3031	Securities, commodities, and financial services sales agents	\$20.93	2,018	290	132	Bachelor's degree
33-3031	Fish and game wardens	\$20.68	111	11	16	Associate's degree
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	\$20.44	1,724	92	269	Moderate-term on-the-job training
19-1032	Foresters	\$20.43	412	2	72	Bachelor's degree
19-1022	Microbiologists	\$20.39	143	22	26	Doctoral degree
19-1023	Zoologists and wildlife biologists	\$19.14	441	66	80	Bachelor's degree

Source: Economic Modeling Specialists, Inc. - 8/07

*Note: Occupations with fewer than 10 employees are not shown.